

# Notice of Allowability

Application No.

10/541,381

Examiner

Timothy J. Henn

Applicant(s)

YAMADA ET AL.

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to supplemental response filed 27 July 2007.
2. ☒ The allowed claim(s) is/are 14, 16-21, 31 and 33-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
LIN YE  
SUPERVISORY PATENT EXAMINER

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 14, 16-21, 31 and 33-38 are allowed.
2. The following is an examiner's statement of reasons for allowance:

**[claims 14, 16, 17, 31, 33 and 34]**

The prior art does not teach or fairly suggest an image supply device or a control method of an image supply device which is used in a recording system in which the image supply device and a recording apparatus communicate with each other via a communication interface, wherein the recording apparatus gives priority to processing a command received from the image supply device even if the recording apparatus waits for a response from the image supply device, the image supply device comprising: command issuing means for issuing a predetermined command to the recording apparatus; reception means for receiving a signal from the recording apparatus after the command issuing means issues the predetermined command; determination means for determining whether or not the signal received by the reception means is a response to the predetermined command, in a case that the reception means receives the signal while waiting for the response to the predetermined command issued by the command issuing means; and control means for discarding the signal and for inhibiting issuance, for a predetermined time period, of a next command following the predetermined command to the recording apparatus while waiting for the response to the predetermined command, in a case where the determination means determines that the signal is not the response to the predetermined command.

While it is known in the art to issue a command and to wait for a response to the command in image supply devices/recording systems, the claimed control means for discarding and inhibiting in the manner claimed is not taught or suggested.

**[claims 18-21 and 35-38]**

The prior art does not teach or fairly suggest a recording apparatus or control method of a recording apparatus which is used in a recording system in which an image supply device and the recording apparatus communicate together via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, wherein the image supply device discards a signal received other than a response from the recording apparatus while waiting for the response from the recording apparatus, the recording apparatus comprising: command issuing means for issuing a predetermined command to the image supply device; reception means for receiving a signal from the image supply device after the command issuing means issues the predetermined command; determination means for determining whether or not the signal received by the reception means is a command other than a response to the predetermined command, in a case that the reception means receives the signal while waiting for the response to the predetermined command issued by the command issuing means; and control means for giving priority to processing the command received from the image supply device, sending a response to the command to the image supply device after completion of the processing command and controlling a timing of reissuing the predetermined command after sending of the response to the

command, in a case where the determination means determines that the signal is the command other than the response.

While it is known in the art to issue commands and wait for a timeout period to expire before reissuing the command, the claimed control means for giving priority to processing a received command, sending a response and controlling a timing of reissuing the predetermined command as claimed is not taught or suggested.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Henn whose telephone number is (571) 272-7310. The examiner can normally be reached on M-F 11-7.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on (571) 272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2622

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TJH  
8/17/2007



LIN YE  
SUPERVISORY PATENT EXAMINER